

Nicole Bouvy

List of Publications by Year in descending order

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112
papers

2,948
citations

186265

28
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197818

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114
all docs

114
docs citations

114
times ranked

4229
citing authors

#	ARTICLE	IF	CITATIONS
1	The Bile Acid Chenodeoxycholic Acid Increases Human Brown Adipose Tissue Activity. <i>Cell Metabolism</i> , 2015, 22, 418-426.	16.2	342
2	Clinical practice guidelines of the European Association for Endoscopic Surgery (EAES) on bariatric surgery: update 2020 endorsed by IFSO-EC, EASO and ESPCOP. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 2332-2358.	2.4	262
3	EAES and SAGES 2018 consensus conference on acute diverticulitis management: evidence-based recommendations for clinical practice. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2726-2741.	2.4	125
4	Adhesion-related readmissions after open and laparoscopic surgery: a retrospective cohort study (SCAR update). <i>Lancet, The</i> , 2020, 395, 33-41.	13.7	112
5	The general surgeon's perspective of rectus diastasis. A systematic review of treatment options. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4934-4949.	2.4	79
6	Fluorescence cholangiography during laparoscopic cholecystectomy: a feasibility study on early biliary tract delineation. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 1530-1536.	2.4	76
7	The use of 3D laparoscopic imaging systems in surgery: EAES consensus development conference 2018. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3251-3274.	2.4	75
8	Fluorescence Ureteral Visualization in Human Laparoscopic Colorectal Surgery Using Methylene Blue. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 870-875.	1.0	72
9	Single-incision laparoscopic cholecystectomy versus conventional four-port laparoscopic cholecystectomy: a systematic review and meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 3437-3448.	2.4	69
10	Clinical Outcomes After Unilateral Adrenalectomy for Primary Aldosteronism. <i>JAMA Surgery</i> , 2019, 154, e185842.	4.3	68
11	Colorectal anastomotic healing: why the biological processes that lead to anastomotic leakage should be revealed prior to conducting intervention studies. <i>BMC Gastroenterology</i> , 2015, 15, 180.	2.0	55
12	Enhanced bioadhesivity of dopamine-functionalized polysaccharidic membranes for general surgery applications. <i>Acta Biomaterialia</i> , 2016, 44, 232-242.	8.3	53
13	Applying the electronic nose for pre-operative SARS-CoV-2 screening. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 6671-6678.	2.4	52
14	Near-Infrared Fluorescence Imaging for Real-Time Intraoperative Guidance in Anastomotic Colorectal Surgery: A Systematic Review of Literature. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2018, 28, 157-167.	1.0	51
15	European association for endoscopic surgery (EAES) consensus statement on single-incision endoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 996-1019.	2.4	51
16	Fecal incontinence treated by sacral neuromodulation: Long-term follow-up of 325 patients. <i>Surgery</i> , 2017, 161, 1040-1048.	1.9	50
17	Endoscopic gastric volume reduction with a novel articulating plication device is safe and effective in the treatment of obesity (with video). <i>Gastrointestinal Endoscopy</i> , 2015, 81, 312-320.	1.0	43
18	Optimizing the image of fluorescence cholangiography using ICG: a systematic review and ex vivo experiments. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 4820-4832.	2.4	43

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19	Feasibility of indocyanine green fluorescence imaging for intraoperative identification of parathyroid glands during thyroid surgery. <i>Head and Neck</i> , 2019, 41, 340-348.	2.0	43
20	Consensus on the definition of colorectal anastomotic leakage: A modified Delphi study. <i>World Journal of Gastroenterology</i> , 2020, 26, 3293-3303.	3.3	41
21	Citrulline Supplementation Improves Organ Perfusion and Arginine Availability under Conditions with Enhanced Arginase Activity. <i>Nutrients</i> , 2015, 7, 5217-5238.	4.1	40
22	Near-infrared fluorescence cholangiography assisted laparoscopic cholecystectomy versus conventional laparoscopic cholecystectomy (FALCON trial): study protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e011668.	1.9	40
23	Electrical stimulation therapy of the lower oesophageal sphincter for refractory gastroesophageal reflux disease – interim results of an international multicentre trial. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 42, 614-625.	3.7	39
24	A new method to evaluate the effects of shear on the skin. <i>Wound Repair and Regeneration</i> , 2015, 23, 885-890.	3.0	36
25	Definition of colorectal anastomotic leakage: A consensus survey among Dutch and Chinese colorectal surgeons. <i>World Journal of Gastroenterology</i> , 2017, 23, 6172-6180.	3.3	35
26	Critical overview of all available animal models for abdominal wall hernia research. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017, 21, 667-675.	2.0	31
27	Pilot Study: Detection of Gastric Cancer From Exhaled Air Analyzed With an Electronic Nose in Chinese Patients. <i>Surgical Innovation</i> , 2018, 25, 429-434.	0.9	31
28	Application of a New Dye for Near-Infrared Fluorescence Laparoscopy of the Ureters. <i>Diseases of the Colon and Rectum</i> , 2014, 57, 407-411.	1.3	29
29	Does Measurement of Esophagogastric Junction Distensibility by EndoFLIP Predict Therapy-responsiveness to Endoluminal Fundoplication in Patients With Gastroesophageal Reflux Disease?. <i>Journal of Neurogastroenterology and Motility</i> , 2015, 21, 255-264.	2.4	29
30	International consensus statement regarding the use of animal models for research on anastomoses in the lower gastrointestinal tract. <i>International Journal of Colorectal Disease</i> , 2016, 31, 1021-1030.	2.2	29
31	Impact of Duodenal-Jejunal Exclusion on Satiety Hormones. <i>Obesity Surgery</i> , 2016, 26, 672-678.	2.1	28
32	Genetic Markers of Brown Adipose Tissue Identity and <i>In Vitro</i> Brown Adipose Tissue Activity in Humans. <i>Obesity</i> , 2018, 26, 135-140.	3.0	27
33	Near-infrared fluorescence laparoscopy of the ureter with three preclinical dyes in a pig model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 986-991.	2.4	27
34	Biocompatibility and biomechanical analysis of elastic TPU threads as new suture material. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 99-106.	3.4	26
35	Near-infrared fluorescence image-guidance in anastomotic colorectal cancer surgery and its relation to serum markers of anastomotic leakage: a clinical pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3766-3774.	2.4	25
36	Effect of Vagus Nerve Integrity on Short and Long-Term Efficacy of Antireflux Surgery. <i>American Journal of Gastroenterology</i> , 2016, 111, 508-515.	0.4	24

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37	Adhesion awareness in 2016: An update of the national survey of surgeons. PLoS ONE, 2018, 13, e0202418.	2.5	24
38	EAES Recommendations for Recovery Plan in Minimally Invasive Surgery Amid COVID-19 Pandemic. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 1-17.	2.4	24
39	Diagnostic Performance of Electronic Noses in Cancer Diagnoses Using Exhaled Breath. JAMA Network Open, 2022, 5, e2219372.	5.9	24
40	3D Printed Dual-Porosity Scaffolds: The Combined Effect of Stiffness and Porosity in the Modulation of Macrophage Polarization. Advanced Healthcare Materials, 2022, 11, e2101415.	7.6	23
41	Comparison of three different application routes of butyrate to improve colonic anastomotic strength in rats. International Journal of Colorectal Disease, 2017, 32, 305-313.	2.2	21
42	Pitfalls and clinical recommendations for the primary lumbar hernia based on a systematic review of the literature. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2019, 23, 107-117.	2.0	21
43	Prophylactic mesh placement to avoid incisional hernias after stoma reversal: a systematic review and meta-analysis. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2019, 23, 733-741.	2.0	20
44	Metabolic improvement in obese patients after duodenal-jejunal exclusion is associated with intestinal microbiota composition changes. International Journal of Obesity, 2019, 43, 2509-2517.	3.4	19
45	A new poly(1,3-trimethylene carbonate) film provides effective adhesion reduction after major abdominal surgery in a rat model. Surgery, 2015, 157, 1113-1120.	1.9	18
46	Gastric peroral endoscopic pyloromyotomy for decompensated gastroparesis: comprehensive motility analysis in relation to treatment outcomes. Endoscopy International Open, 2021, 09, E137-E144.	1.8	18
47	Effects of supercritical carbon dioxide sterilization on polysaccharidic membranes for surgical applications. Carbohydrate Polymers, 2017, 173, 482-488.	10.2	17
48	Intraoperative enhanced imaging for detection of endometriosis: A systematic review of the literature. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 224, 108-116.	1.1	17
49	Laparotomy closure techniques: Do surgeons follow the latest guidelines? Results of a questionnaire. International Journal of Surgery, 2019, 71, 110-116.	2.7	17
50	Prehabilitation of complex ventral hernia patients with Botulinum: a systematic review of the quantifiable effects of Botulinum. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2021, 25, 1427-1442.	2.0	17
51	Persistent Postthyroidectomy Hypoparathyroidism in the Netherlands. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 959.	2.2	17
52	Evaluation of a novel dye for near-infrared fluorescence delineation of the ureters during laparoscopy. BJS Open, 2018, 2, 254-261.	1.7	16
53	Effect of the EndoBarrier Device: a 4-Year Follow-up of a Multicenter Randomized Clinical Trial. Obesity Surgery, 2019, 29, 1117-1121.	2.1	16
54	Characteristics of contralateral carcinomas in patients with differentiated thyroid cancer larger than 1 cm. Langenbeck's Archives of Surgery, 2016, 401, 365-373.	1.9	15

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55	The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020, 10, 5963.	3.3	15
56	Duodenal-jejunal lining increases postprandial unconjugated bile acid responses and disrupts the bile acid-FXR-FGF19 axis in humans. <i>Metabolism: Clinical and Experimental</i> , 2019, 93, 25-32.	3.4	13
57	Hurdles to Take for Adequate Treatment of Morbidly Obese Children and Adolescents: Attitudes of General Practitioners Towards Conservative and Surgical Treatment of Paediatric Morbid Obesity. <i>World Journal of Surgery</i> , 2019, 43, 1173-1181.	1.6	13
58	Impact of tissue adhesives on the prevention of anastomotic leakage of colonic anastomoses: an in vivo study. <i>International Journal of Colorectal Disease</i> , 2017, 32, 961-965.	2.2	12
59	Long-term outcome of intractable constipation treated by sacral neuromodulation: a comparison between children and adults. <i>Colorectal Disease</i> , 2018, 20, 134-143.	1.4	12
60	Bariatric surgery in adolescents: A prospective randomized controlled trial comparing laparoscopic gastric banding to combined lifestyle interventions in adolescents with severe obesity (BASIC trial). <i>BMC Pediatrics</i> , 2019, 19, 34.	1.7	12
61	Comparison of coated meshes for intraperitoneal placement in animal studies: a systematic review and meta-analysis. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 1253-1261.	2.0	12
62	Electrical Stimulation Therapy for Gastroesophageal Reflux Disease. <i>Journal of Neurogastroenterology and Motility</i> , 2014, 20, 287-293.	2.4	11
63	Improving the effect of shear on skin viability with wound dressings. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 505-514.	3.1	11
64	Comparability of histological outcomes in rats and humans in a hernia model. <i>Journal of Surgical Research</i> , 2018, 229, 271-276.	1.6	11
65	Clinical adhesion score (CLAS): development of a novel clinical score for adhesion-related complications in abdominal and pelvic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 2159-2168.	2.4	11
66	Breath analysis for the detection of digestive tract malignancies: systematic review. <i>BJS Open</i> , 2021, 5, .	1.7	11
67	Postoperative abdominal adhesions and bowel obstruction. A survey among Dutch general practitioners. <i>European Journal of General Practice</i> , 2015, 21, 176-182.	2.0	10
68	Near-infrared fluorescence laparoscopy of the cystic duct and cystic artery: first experience with two new preclinical dyes in a pig model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4309-4314.	2.4	10
69	Effect of Endoscopic Gastroplication on the Genome-Wide Transcriptome in the Upper Gastrointestinal Tract. <i>Obesity Surgery</i> , 2017, 27, 740-748.	2.1	10
70	Prevention of incisional hernia using different suture materials for closing the abdominal wall: a comparison of PDS, Vicryl and Prolene in a rat model. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 67-78.	2.0	10
71	The Effect of 6 and 12 Months Duodenal-Jejunal Bypass Liner Treatment on Obesity and Type 2 Diabetes: a Crossover Cohort Study. <i>Obesity Surgery</i> , 2018, 28, 1255-1262.	2.1	8
72	Current Opinions and Practices of Bariatric Surgery in Adolescents: A Survey among Pediatric Surgeons. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 117-121.	1.3	8

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73	UEG and EAES rapid guideline: Systematic review, meta-analysis, GRADE assessment and evidence-informed European recommendations on TaTME for rectal cancer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 2221-2232.	2.4	8
74	MRI Evaluation of an Elastic TPU Mesh under Pneumoperitoneum in IPOM Position in a Porcine Model. <i>Journal of Investigative Surgery</i> , 2018, 31, 185-191.	1.3	7
75	The Effect of Shear Force on Skin Viability in Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-9.	2.3	7
76	Noninvasive Near-Infrared Fluorescence Imaging of the Ureter During Robotic Surgery: A Demonstration in a Porcine Model. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 962-966.	1.0	7
77	Multicenter, Phase 1, Open Prospective Trial of Gastric Electrical Stimulation for the Treatment of Obesity: First-in-Human Results with a Novel Implantable System. <i>Obesity Surgery</i> , 2020, 30, 1952-1960.	2.1	7
78	Contemporary snapshot of tumor regression grade (TRG) distribution in locally advanced rectal cancer: a cross sectional multicentric experience. <i>Updates in Surgery</i> , 2021, 73, 1795-1803.	2.0	7
79	The male rectus diastasis: a different concept?. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2021, 25, 951-956.	2.0	7
80	Predictive Factors for Anastomotic Leakage After Colorectal Surgery: Study Protocol for a Prospective Observational Study (REVEAL Study). <i>JMIR Research Protocols</i> , 2016, 5, e90.	1.0	7
81	Towards automated spectroscopic tissue classification in thyroid and parathyroid surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1748.	2.3	6
82	Simultaneous multipurpose fluorescence imaging with IRDye® 800BK during laparoscopic surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4840-4848.	2.4	6
83	Cost-effectiveness of sacral neuromodulation for chronic refractory constipation in children and adolescents: a Markov model analysis. <i>Colorectal Disease</i> , 2017, 19, 1013-1023.	1.4	5
84	Near infrared fluorescence imaging of the urethra: a systematic review of the literature. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2022, 31, 342-349.	1.2	5
85	Obstructive sleep apnea in obese adolescents referred for bariatric surgery: association with metabolic and cardiovascular variables. <i>Sleep Medicine</i> , 2020, 75, 246-250.	1.6	5
86	Structural Endoscopic Techniques to Treat Obesity: A Review. <i>Surgical Technology International</i> , 2015, 26, 84-91.	0.2	5
87	Complications and recurrence rates of patients with Ehlers-Danlos syndrome undergoing ventral hernioplasty: a case series. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2018, 22, 611-616.	2.0	4
88	Incidence of arcuate line hernia in patients with abdominal complaints: radiological and clinical features. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2019, 23, 1199-1203.	2.0	4
89	Comparing Five New Polymer Barriers for the Prevention of Intra-abdominal Adhesions in a Rat Model. <i>Journal of Surgical Research</i> , 2019, 243, 453-459.	1.6	4
90	Left Ventricular Geometrical Changes in Severely Obese Adolescents: Prevalence, Determinants, and Clinical Implications. <i>Pediatric Cardiology</i> , 2021, 42, 331-339.	1.3	4

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91	Influence of intraoperative vasopressor use on indocyanine green fluorescence angiography: first evaluation in an experimental model. <i>Scientific Reports</i> , 2021, 11, 9650.	3.3	4
92	EAES rapid guideline: systematic review, network meta-analysis, CINeMA and GRADE assessment, and European consensus on bariatric surgeryâ€“extension 2022. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 1709-1725.	2.4	4
93	Is Single-Port Laparoscopy More Precise and Faster with the Robot?. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 898-904.	1.0	3
94	Baseline performance of the ischaemic button model for induction of adhesions in laboratory rats. <i>Laboratory Animals</i> , 2019, 53, 63-71.	1.0	3
95	Too Limited Use of Prophylactic Mesh After Open AAA Repair in Belgium and The Netherlands?. <i>European Journal of Vascular and Endovascular Surgery</i> , 2022, 63, 775-776.	1.5	3
96	Can Electric Nose Breath Analysis Identify Abdominal Wall Hernia Recurrence and Aortic Aneurysms? A Proof-of-Concept Study. <i>Surgical Innovation</i> , 2020, 27, 366-372.	0.9	2
97	Inadequate awareness of adherence to ARRIVE guidelines, regarding reporting quality of hernia models repaired with meshes: a systematic review. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2022, 26, 389-400.	2.0	2
98	Non-invasive breath collection in murine models using a newly developed sampling device [*]. <i>Journal of Breath Research</i> , 2022, 16, 027102.	3.0	2
99	Near-Infrared Fluorescence Imaging for the Intraoperative Detection of Endometriosis: A Pilot Study. <i>Life</i> , 2022, 12, 15.	2.4	2
100	Parastomal hernias after cystectomy and ileal conduit urinary diversion: surgical treatment and the use of prophylactic mesh: a systematic review. <i>BMC Surgery</i> , 2022, 22, 118.	1.3	2
101	Assessing Textbook Outcome After Implementation of Transversus Abdominis Release in a Regional Hospital. , 0, 1, .		2
102	Behavioral outcomes of a novel, pelvic nerve damage rat model of fecal incontinence. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13242.	3.0	1
103	Clinical efficacy of lead revisions during the test phase in sacral neuromodulation for fecal incontinence. <i>International Journal of Colorectal Disease</i> , 2019, 34, 1369-1374.	2.2	1
104	Development of hyaluronan-based membranes for the healing of intestinal surgical wounds: a preliminary study. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 60.	3.6	1
105	Preliminary evidence that endoscopic gastroplication reduces food reward. <i>Appetite</i> , 2020, 150, 104632.	3.7	1
106	Examination of lipid profiles in abdominal fascial healing using MALDI-TOF to identify potential therapeutic targets. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 20, 35-41.	2.4	1
107	Response:. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 186-187.	1.0	0
108	Genetic polymorphisms in <i>UDPâ€“glucuronosyltransferase 1A6</i> and <i>1A7</i> and the risk for benign Warthin's tumors of the parotid gland. <i>Head and Neck</i> , 2016, 38, E717-23.	2.0	0

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109	Antioxidative Amino Acids in Early Enteral Versus Parenteral Nutrition Following Major Rectal Surgery. <i>Critical Care Medicine</i> , 2020, 48, e990-e991.	0.9	0
110	META Score: An International Consensus Scoring System on Mesh-Tissue Adhesions. <i>World Journal of Surgery</i> , 2020, 44, 2935-2943.	1.6	0
111	Stent-induced compression necrosis for the endoscopic removal of a partially eroded Lap-Band. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-224670.	0.5	0
112	Evaluation of a New Elastic Ostomy Appliance to Decrease Skin Complications: Results of a Pilot Study. <i>Wound Management and Prevention</i> , 2020, 66, 30-36.	0.5	0